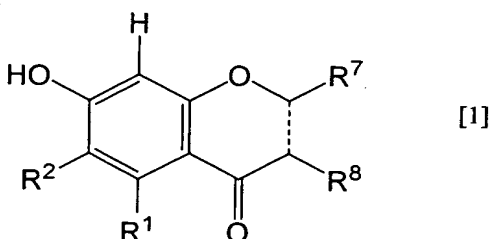


## CLAIMS

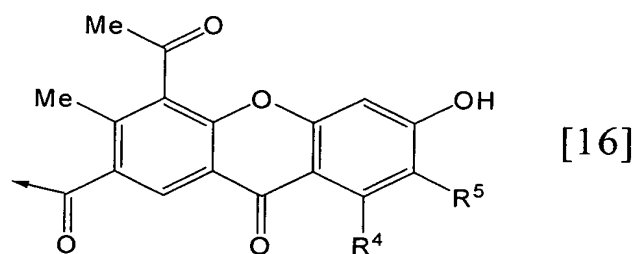
1. A therapeutic or preventive agent for ischemic nerve injury containing a compound having a semaphorin inhibitory activity which is obtained by culturing *Penicillium* sp. SPF-3059 strain and represented by formula [1]:



wherein a dashed line represents a single bond or double bond, and  $R^1$  represents a hydrogen atom, a carboxy group or an alkoxy carbonyl group, and  $R^2$  represents a hydrogen atom, a hydroxyl group or an acyloxy group, and  $R^7$  and  $R^8$  independently represent a hydrogen atom or an organic group; a derivative thereof or a pharmaceutically acceptable salt thereof as an active ingredient.

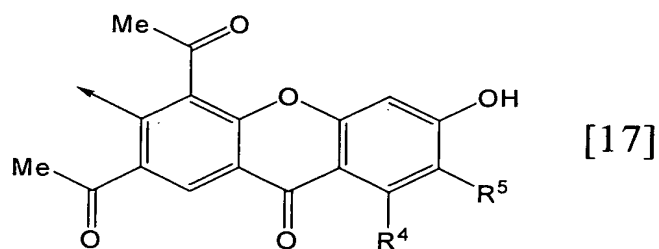
2. The therapeutic or preventive agent according to claim 1 characterized in that the compound represented by formula [1] is any of the following (1) to (3):

(1) the dashed line in formula [1] represents a single bond,  $R^7$  represents a hydrogen atom, and  $R^8$  represents formula [16]:



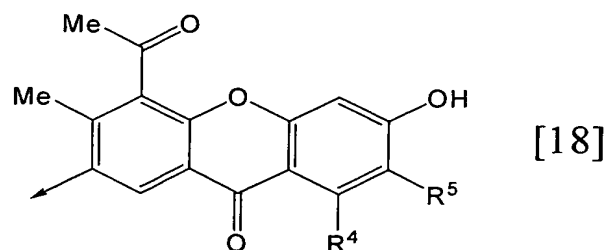
wherein  $R^4$  represents a hydrogen atom, a carboxy group or an alkoxy carbonyl group, and  $R^5$  represents a hydrogen atom, a hydroxyl group or an acyloxy group;

(2) the dashed line in formula [1] represents a double bond,  $R^7$  represents a hydrogen atom, and  $R^8$  represents formula [17]:

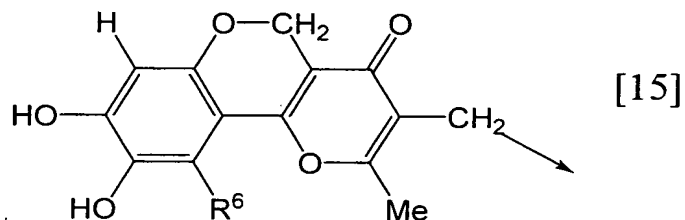


wherein  $R^4$  and  $R^5$  have the same meanings as above; and

(3) the dashed line in formula [1] represents a double bond, and  $R^7$  represents formula [18]:

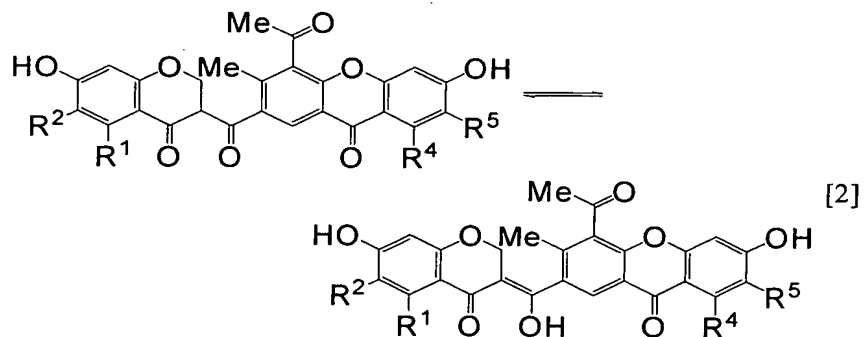


wherein  $R^4$  and  $R^5$  have the same meanings as above; and  $R^8$  represents a hydrogen atom, a methoxymethyl group or formula [15]:



wherein  $R^6$  represents a hydrogen atom, a carboxy group or an alkoxycarbonyl group.

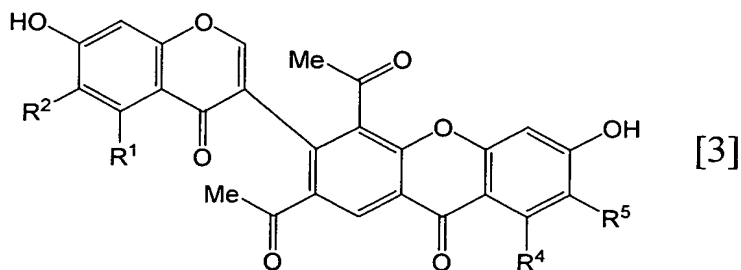
3. The therapeutic or preventive agent according to claim 2 wherein the compound represented by formula [1] is a compound represented by formula [2]:



wherein  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  have the same meanings as in claim 1 or 2.

4. The therapeutic or preventive agent according to claim 3 characterized in that  $R^1$  and  $R^4$  represent a carboxy group, and  $R^2$  and  $R^5$  represent a hydroxyl group in formula [2].

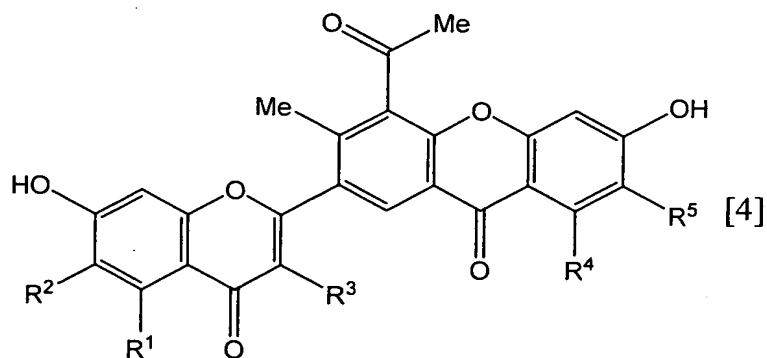
5. The therapeutic or preventive agent according to claim 2 wherein the compound represented by formula [1] is a compound represented by formula [3]:



wherein  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  have the same meanings as in claim 1 or 2.

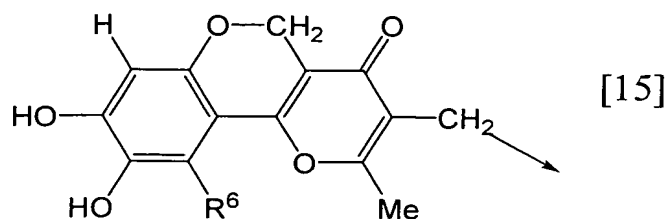
6. The therapeutic or preventive agent according to claim 5 characterized in that  $R^1$  represents a carboxy group or a hydrogen atom,  $R^4$  represents a carboxy group, and  $R^2$  and  $R^5$  represent a hydroxyl group in formula [3].

7. The therapeutic or preventive agent according to claim 2 wherein the compound represented by formula [1] is a compound represented by formula [4]:



wherein  $R^1$ ,  $R^2$ ,  $R^4$  and  $R^5$  have the same meanings as in claim 1 or 2, and  $R^3$  represent a hydrogen

atom, a methoxymethyl group or formula [15]:



wherein  $R^6$  represent a hydrogen atom, a carboxy group or an alkoxycarbonyl group.

8. The therapeutic or preventive agent according to any of claims 1 to 7 wherein the ischemic nerve injury is retinal neuropathy.

9. The therapeutic or preventive agent according to claim 8 wherein the retinal neuropathy is glaucoma, diabetic retinopathy, macular degeneration or retinopathy of prematurity.

10. The therapeutic or preventive agent according to any of claims 1 to 7 wherein the ischemic nerve injury is cerebral embolism, transient cerebral ischemia, subclavian steal syndrome, Wallenberg syndrome (lateral medullary syndrome), cerebral thrombosis, lacunar infarct, reversible ischemic neurological deficit, cerebral infarction, moyamoya disease (occlusion of the circle of Willis), hypoxic encephalopathy, sinus venosus thrombosis or postoperative spinal cord ischemia.